

DESCRIPTION

Under this item, the vendor shall supply equipment to modify existing pole mount controller cabinets.

MATERIALS

The supplier shall furnish a two (2) phase solid state NEMA controller, two (2) channel NEMA conflict monitor, and cabinet bank panel with four (4) solid state load switches, terminal strips, solid state flash relay, radio interference filter and suppressor, surge protection/isolation, and NEMA type 5-15R duplex receptacle with ground fault outlet and bulb receptacle/switch. Terminal strips for field wire must be at least 1 1/4" above the bottom edge of the panel.

CONSTRUCTION

The supplied equipment shall fit in an existing pole mount cabinet at an intersection. The existing cabinet is cast aluminum, 30 1/2" high, 20" wide and 13" deep with a shelf for equipment. Therefore, the cabinet backpanel kit cannot be more than $16 \pm 1/8$ " high by 18 1/2" wide. The backpanel shall mount to existing hole patterns (see attached). The backpanel shall also have a harness wired for the functions required, with switches for the police panel on the door in accordance with N.Y.S. 104 type cabinets. The panel shall also be wired with harnesses and connectors for two (2) solid state loop detectors, shelf mount, N.Y.S. 102A types.

METHOD OF MEASUREMENT, CONDITIONS AND PAYMENT:

Payment shall be for the number of kits furnished in accordance with the specification. One set of manuals, drawings, test cables, extender cards (for trouble shooting) for every eight (8) kits purchased, plus any other cables needed for testing shall be furnished with the delivery of the kits.

GUARANTEE

A minimum guarantee of one (1) year from the start of delivery for all equipment.